

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-14. (canceled)

15. (currently amended) An acetabular implant cup insert for a joint prosthesis, the insert comprising a metal shell and a polymer lining lining the inside space of said shell, a receptacle for a prosthetic head being formed in the lining, said shell presenting on its inside space means for preventing said lining being extracted from the shell and means for preventing the lining turning in the shell, wherein said means for preventing the lining being extracted comprise a stud disposed on an end wall of the posterior portion of the inside space of the shell, said stud having at least one groove or lip with which the lining interfits to lock the lining on the shell, and wherein said stud and said shell are of one piece and integrally formed.

16. (previously presented) The insert according to claim 15, wherein said means for preventing extraction of said lining include at least one lip.

17. (previously presented) The insert according to claim 15, wherein said means for preventing said lining being extracted include at least one groove.

18. (previously presented) The insert according to claim 15, wherein said means for preventing the lining from turning comprise projections formed on the surface of the wall defining the inside space of the shell.

19. (previously presented) The insert according to claim 18, wherein said projections are ribs extending over all or a fraction of the height of the inside space of the shell.

20. (previously presented) The insert according to claim 15, wherein said means for preventing the lining from turning comprise depressions formed in the surface of the wall defining the inside space of the shell.

21. (currently amended) ~~The insert according to claim 16,~~ An acetabular implant cup insert for a joint prosthesis, the insert comprising a metal shell and a polymer lining lining the inside space of said shell, a receptacle for a prosthetic head being formed in the lining, said shell presenting on its inside space means for preventing said lining being extracted from the shell and means for preventing the lining turning in the shell,

wherein said means for preventing the lining being extracted comprise a stud disposed on an end wall of the posterior portion of the inside space of the shell, said stud having at least one groove or lip with which the lining interfits to lock the lining on the shell, said means for preventing extraction of said lining includes at least one lip, and

wherein said means for preventing the lining from turning comprise projections formed on the surface of the wall defining the inside space of the shell, and wherein projections are formed on the lip.

22. (currently amended) ~~The insert according to claim 16,~~ An acetabular implant cup insert for a joint prosthesis, the insert comprising a metal shell and a polymer lining lining the inside space of said shell, a receptacle for a prosthetic head being formed in the lining, said shell presenting on its inside space means for preventing said lining being extracted from the shell and means for preventing the lining turning in the shell, wherein said means for preventing the lining being extracted comprise a stud disposed on an end wall of the posterior portion of the inside space of the shell, said stud having at least one groove or lip with which the lining interfits to lock the lining on the shell, said means for preventing extraction of said lining includes at least one lip, and

wherein said means for preventing the lining from turning comprise depressions formed in the surface of the wall defining the inside space of the shell, and wherein depressions are formed in the lip.

23. (previously presented) The insert according to claim 15, wherein the anterior portion of said shell presents a conical shape.

24. (previously presented) The insert according to claim 15, wherein the wall of the receptacle is covered in ceramic.

25. (previously presented) The insert according to claim 15, wherein said lining is obtained by an operation of thermocompressing said polymer in said inside space of the shell, followed by a machining operation.

26. (previously presented) The insert according to claim 15, wherein said lining is obtained by prior shaping, and wherein it is put into place by being impacted into the shell.

27. (previously presented) An acetabular implant comprising a cup for being fastened in the pelvis or a shoulder blade of a patient, and an insert lining the inside of said cup

in order to receive a prosthetic head, wherein the insert is according to claim 15.

28. (previously presented) A joint prosthesis comprising an acetabular implant and a prosthetic head, wherein said implant is according to claim 27.

29. (previously presented) The insert according to claim 15, wherein said stud is disposed centrally of the shell.

30. (cancelled)

31. (cancelled)

32. (previously presented) The insert according to claim 15, wherein the insert is a polymer cast within the shell.

33. (previously presented) The insert according to claim 32, wherein the polymer and the shell have interfitting portions permanently interlocking the cast polymer lining within the shell.